Table 15. APPLICABILITY OF DRAINAGE MANAGEMENT OPTIONS
LEVEL "A" PERFORMANCE STANDARDS

Subareas and Water Quality Zones	Drainage Source Control	San Joaquin River Discharge[1]	Salt-Tolerant Trees	Halo-phytes	Land Retirement[2]	Existing Evaporation Ponds	New Evaporation Ponds[3]	Ground Water Management[4]
Grasslands								
A	X	Y(15.5k AF)	X	X	Y(37.4k Ac.)	Y(0.1k Ac.)	NA(>5 ppb Se)	Y(25k Ac.)
B	X	Y(4.0k AF)	X	X	NA(<200 ppb Se)	NA	X	Y(51k Ac.)
C	NR	X	NR	NR	NR	NR	NR	NR
D[5]	NR-W	NR-R	NR-W	NR-W	NR-W	NR-W	NR-W	NR-W
Westlands								
A	X	NA	X	X	Y(7.6k Ac.)	NA	NA(>5 ppb Se)	Y(9k Ac.)
B	X	NA	NA(>10k ppm TDS)	X	Y(7.0k Ac.)	Y(0.1k Ac.)	NA(>5 ppb Se)	NA(<100 ft. thick)
C	X	NA	X	X	NA(<200 ppb Se)	NA	NA(>5 ppb Se)	Y(69k Ac.)
D	X	NA	X	X	NA(<200 ppb Se)	Y(0.4k Ac.)	NA(>5 ppb Se)	Y(43k Ac.)
Tulare								
A	X	NA	X	X	NA(<200 ppb Se)	Y(0.5k Ac.)	X	Y(34k Ac.)
B	X	NA	NA(>10k ppm TDS)	X	NA(<200 ppb Se)	Y(3.6k Ac.)	NA(>5 ppb Se)	NA(<100 ft. thick)
C	X	NA	X	X	NA(<200 ppb Se)	Y(0.2k Ac.)	NA(>5 ppb Se)	NA(<100 ft. thick)
D	X	NA	NA(>10k ppm TDS)	X	NA(<200 ppb Se)	Y(0.3k Ac.)	NA(>5 ppb Se)	Y(38k Ac.)
E	X	NA	X	X	NA(<200 ppb Se)	Y(0.3k Ac.)	X	Y(100k Ac.)
Kern								
A	X	NA	NA(>10k ppm TDS)	X	Y(2.2 Ac.)	Y(1.3k Ac.)	NA(>5 ppb Se)	NA(<100 ft. thick)
B	X	NA	NA(>10k ppm TDS)	X	NA(<200 ppb Se)	NA	NA(>5 ppb Se)	NA(<100 ft. thick)
C	X	NA	X	X	NA(<200 ppb Se)	Y(0.2k Ac.)	X	NA(<100 ft. thick)
D	X	NA	NA(>10k ppm TDS)	X	Y(0.9k Ac.)	Y(0.2k Ac.)	NA(>5 ppb Se)	NA(<100 ft. thick)

1 Applicability of option depends on the selenium criterion (mean monthly concentration of 8 ppb) and a critical water year hydrology (for example, 1986-87) for San Joaquin River near Newman. Selenium load is expected to decrease up to 50% by 2040 as a result of the gradual removal of selenium from the shallow ground water and soils due to the leaching process.

2 The selenium concentration of 200 ppb in the shallow ground water was used to select lands on which irrigated agriculture would be discontinued.

3 New evaporation ponds can be used when drainage water selenium concentration exceeds 5 ppb and is $\leq$50 ppb only if ponds can be made bird-safe or bird-free. Measures necessary to make ponds bird-free will include alternative habitat with an adequate firm water supply.

4 Option limited by the aquifer thickness and quality of the ground water (less than 1,250 ppm TDS).

5 Managed wildlife wetland area.

X Option is applicable without any limitation in its application.

Y Option is applicable but limited to the quantities and units included in the parentheses.

NA Option not applicable because it fails to meet the performance standard in parentheses (see Table 7) or not physically available in the instances of discharge to the San Joaquin River.

NR Option not suggested because increased conservation with resulting increased salinity will reduce the likelihood that drainage water can be used for wetland habitat.

NR-W Option is not applicable since shallow ground water within wetlands is not a problem; it benefits waterfowl.